OWNERS MANUAL

HOTTAP

MODEL: JCA11001

IMPORTANT! It is important that you read these instructions carefully and understand the operation and safety features of this appliance. Familiarise yourself with the appliance before connecting it to the gas container. Failure to follow the warnings and instructions may result in damage to unit and/ or serious injury. Keep these instructions for future reference.

Safety Warnings

CAUTION! THIS APPLIANCE IS NOT INTENDED FOR THE SUPPLY OF DRINKING WATER.

IMPORTANT! THIS APPLIANCE IS DESIGNED TO BE USED WITH A SOURCE WATER TEMPERATURE OF 20ºC OR BELOW. IF THE TEMPERATURE OF THE OUTLET WATER EXCEEDS 50ºC THE BURNERS WILL SHUT OFF. YOU WILL BE REQUIRED TO TURN THE WATER FLOW OFF AND BACK ON TO REIGNITE THE BURNERS

WARNING! THIS APPLIANCE IS INTENDED FOR THE SUPPLY OF HEATED WATER FOR THE PURPOSE OF WASHING AND CLEANING ONLY

WARNING! CHECK AND CONFIRM SAFE WATER TEMPERATURE BEFOREUSING THIS APPLIANCE. WATER FROM THIS APPLIANCE MAY BE VERY HOT.

CAUTION! THIS APPLIANCE MUST BE PROTECTED FROM RAIN.

General Information

SPECIFICATIONS

Dimensions: 370H x 275W x 165Dmm
Weight: 4.3kg
Approval Number: GMK10121
Run Time from 9kg Bottle: ~15hrs
Battery: 2 x DD (for ignition only)
Flow Rate: 4L - 6L Per Minute
Max. Temp: 50°C
Max. Temp. Rise: 35°C
Min. Water Pressure: 45kPa
Max. Water Pressure: 900kPa
Gas Hose Length: 1.2m
Shower Hose Length: 5m

IN THE BOX

HOTTAP Water Heater
5M Shower Hose
Shower Head Holder
1.2M Gas Hose
User Guide
Mounting Screws

Safety Instructions

GENERAL WARNINGS

This appliance shall only be used with the Australian Approved 1200mm Propane gas hose and regulator assembly supplied with the appliance and must be connected only to a Propane gas cylinder certified to AS2469 standards fitted with POL connections only.

This appliance is to be stored in a dry and well-ventilated location free from direct sunlight. Do not store when still connected to the cylinder. Make sure that the cylinder is disconnected and is stored in a well-ventilated area, free from direct sunlight, heat and ignition sources and out of reach of children. If being stored indoors, ensure that the location complies with the standard AS/NZS1596.

This appliance must only be serviced by an authorized service agent, return to your place of purchase for service and repair.

DANGER!

- This appliance is designed for **outdoor use** only.
- Use only in well ventilated areas.
- Do not use the appliance if it has a leak, or has worn, deteriorated or damaged seals.
- CAUTION: Accessible parts may be very hot. Keep young children away.
- USE OUTDOORS ONLY
- IT MAY BE HAZARDOUS TO ATTEMPT TO FIT OTHER TYPES OF GAS CONTAINERS.
- This appliance shall only be used in an above ground open-air situation with natural ventilation, without stagnant areas, where gas leakage and products of combustion are rapidly dispersed by wind and natural convection.
- Do not use adaptors or modify the appliance to fit other connectors or cylinders.
- When using this appliance, children must be supervised by and adult at all times.
- Never leave the appliance unattended when operating.
- Do not use as cooking appliance or modify for any other reason.

CARBON MONOXIDE HAZARD

ONLY USE IN WELL-VENTILATED AREAS. **CARBON MONOXIDE HAZARD** - USING THIS APPLIANCE IN AN ENCLOSED SPACE MAY CAUSE DEATH. DO NOT USE IN CARAVANS, TENTS, MARINE CRAFT, CARS, MOBILE HOMES OR SIMILAR LOCATIONS.

IMPORTANT

- Avoid twisting and kinking the Propane Gas hose.
- If there is a leak on your appliance (smell of gas), immediately attempt to turn off the cylinder valve. Remove the appliance to a well-ventilated location away from any ignition source. Check for leaks using soapy water. Do not try to detect leaks using a flame.
- Do not attempt to move or relocate the appliance when it is operating.
- Extinguish the burner and allow to cool. Disengage the gas cylinder then move the appliance.

CHECK FOR GAS LEAKS

- Check that seals between the appliance and the gas container are in place and in good condition before connecting the gas container.
- Only use the hose assembly as supplied with this appliance for connection to the cylinder – DO NOT USE ADAPTORS.
- Check that all connections are tight and that the gas cylinder connection has been tightened before you turn the cylinder gas valve on.
- **NEVER** check for leaks with a flame or pilot light.
- Using soapy water coat all connections, if bubbles appear turn the cylinder gas control off and retighten the connection before re-testing.
- Inspect the appliance regularly for signs of wear, leaks or incorrect operation. If symptoms such as flaring of the burners, issues with lighting, damages to hoses or connections or leaks from seals or gas controls are identified do not attempt to repair, contact customer service of 1300 669 500.
- To check if gas remains in the cylinder, disconnect from the appliance and hold the cylinder in a vertical position then shake from side to side, if there is a sound or feel of liquid movement inside the cylinder contains gas.
- When changing gas cylinders ensure this is conducted outside in a well-ventilated location free from people, animals and ignition sources such as naked flames, pilot lights and electrical equipment such as heaters or elements.

SAFETY INSTRUCTIONS

This appliance must only be used in an above ground open-air situation with natural ventilation, without stagnant areas, where gas leakage is rapidly dispersed by wind and natural convection.

The following figures are diagrammatical representations of outdoor areas suitable for use with this appliance. Rectangular areas have been used in these figures – the same principles apply to any other shaped areas.

Any enclosure in which the appliance is used shall comply with one of the following:

A) An enclosure with walls on all sides, but no overhead cover:

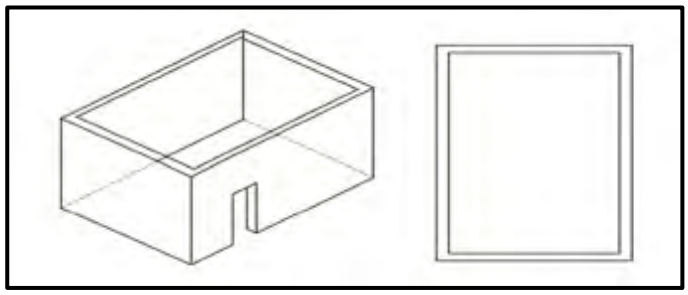


FIGURE A1 – Outdoor Area Example 1.

B) Within a partial enclosure that includes an overhead cover and no more than two walls:

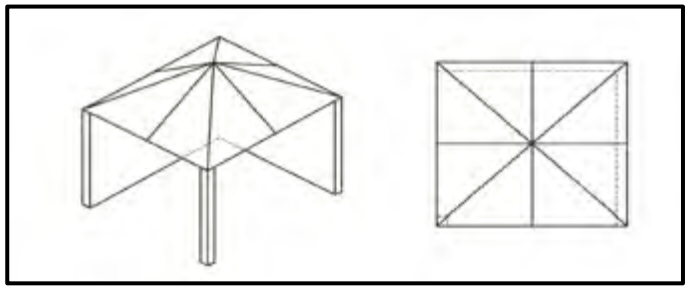


FIGURE B1 – Outdoor Area Example 2.

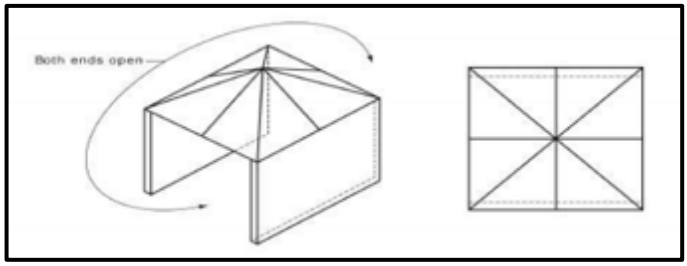


FIGURE B2 – Outdoor Area Example 3. With both ends open.

C) Within a partial enclosure that includes an overhead cover and more than two walls, the following shall apply:

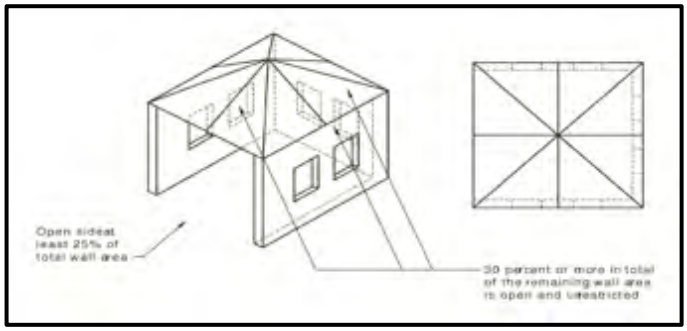


FIGURE C1 – Outdoor Area Example 4. With the open side at least 25% of the total wall area and 30% or more in total of remaining wall area is open and unrestricted.

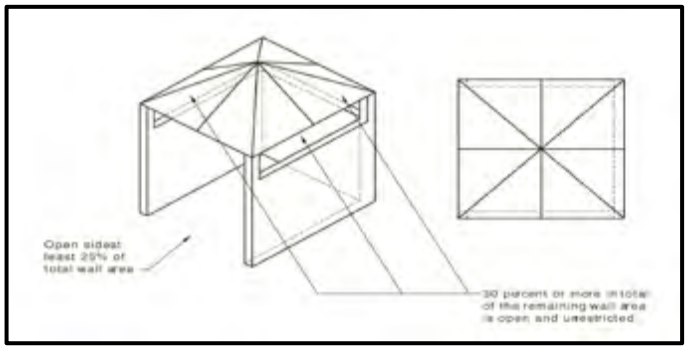


FIGURE C2 – Outdoor Area Example 5. With the open side at least 25% of the total wall area and 30% or more in total of the remaining wall area is open and unrestricted.

SAFETY FEATURES

This appliance is equipped with the following safety features:

Over temperature sensor – The appliance will not allow the burner to remain in operation once the outlet water temperature reaches 50°C. To relight the burner you will need to turn the water flow off and back on.

Water flow sensor – Water must be flowing through the system to allow the burner to ignite. In the case that the water supply is restricted or ceases, for example if you close the water flow at the shower nozzle, the burner will be extinguished and will not relight until the water flow recommences.

HANGING THE APLIANCE

Outdoor use only - The appliance must be used outdoors only and is to be operated no closer than 500mm from the sides and 1000mm from above to all combustible surfaces, fabrics, flammable materials and people.

The appliance is designed to be hug upright against a non-combustible vertical surface. Do not operate from a non-upright position doing so can be dangerous and will damage the appliance.

During operation ensure that both air inlets and the top exhaust are kept free from obstructions and closure.

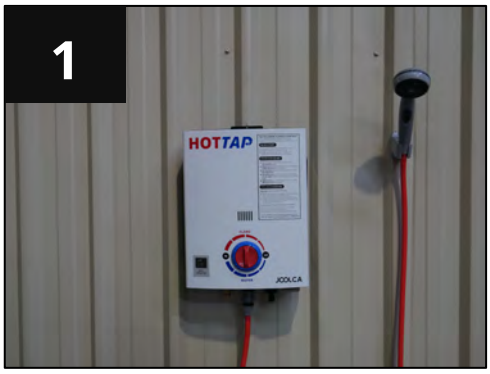
Setting Up

Remove all packaging materials before operation.

1. Observing the correct polarity, install 2 D-cell batteries into the battery box and close the lid.
2. Connect the ‘blue’ and ‘red’ Joolca quick connect fittings to the ‘Water Input’ and ‘Water Output’ threads respectively.
3. To connect the showerhead to the shower hose, place one of the washers (contained in the pack) into one end of the threaded fitting of the hose. Apply Teflon tape to avoid leaks and attach the nozzle.
4. Attach the shower hose to the ‘red’ quick connect fitting (water output).
5. Go over and tighten all hose fittings and connections to ensure water tightness.

Gas Connection

This appliance can be used with a water input source that provides at least 45kPa of pressure. This guide will use a mains pressure (i.e. garden tap) as the water input source.



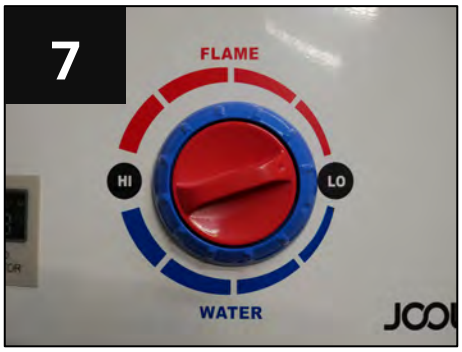
For use with water input sources, such as the FLOTAP low voltage pump, please consult the pump instruction manual or call customer service on 1300 669 500.

1. Find a suitable, sturdy, non-combustible vertical surface to hang the appliance on via the mounting tabs. The surface should be at least 500mm clear from the sides and 1000mm from the top of all combustible surfaces, fabrics, flammable materials and people.
2. Connect the flexible gas hose to the 'gas inlet'. Tighten the connection with a spanner, taking care not to over tighten as doing so may damage the assembly.
3. Connect the gas regulator to the POL propane gas cylinder. Hand-tighten the connection in an anti-clockwise direction.
4. Turn the gas cylinder on, 'Open', in an anticlockwise direction one full turn. Check the connection for leaks by coating orifices with soapy water. **DO NOT use a flame**. If bubbles occur or a leak is detected, turn the cylinder valve off, 'Close', retighten all connections and retest.
5. Once it has been determined that there are no leaks present, the appliance is ready to use. Leave the gas cylinder off.

   Note: The gas cylinder must be positioned away and to the side of the appliance. It must never be directly aside, below or above the appliance.

Operation

1. Ensure that the flow regulation switch on the shower nozzle handle is in the ‘Off’ position.
2. **IMPORTANT!** It is important that when starting the appliance that the gas regulator is set to the ‘minimum’ position (i.e. turned completely to the left).
3. **IMPORTANT!** It is important that when starting the appliance that the water regulator is set to the ‘maximum’ position (i.e. turned completely to the left).
4. Turn the gas cylinder on, ‘Open’, in an anticlockwise direction one full turn.
5. Open the valve for the input water source.
   Note: Water should not flow out as the shower nozzle is in the ‘Off’ position.
6. When ready, slide the flow regulation switch on the shower nozzle to the ‘On’ position. Water will start to flow.
7. Adjust the temperature and flow rate through the shower head by adjusting the ‘Flame’ and ‘Water Flow’ knobs.



Note: For higher temperatures increase the ‘Flame’ regulator control and decrease the ‘Water Flow’ regulator control.

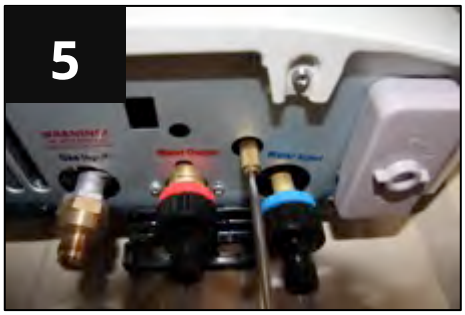
Warning! Take care to test the temperature of the water flowing from the shower head as it may be hot enough to cause injury.

The water flow can be stopped at any time by sliding the regulation switch on the shower head to the ‘Off’ position. The burner will extinguish.

To reignite the burner, slide the flow regulation switch on the shower head to the ‘On’ position. Water flow will commence and the burner will once again ignite.

Storage

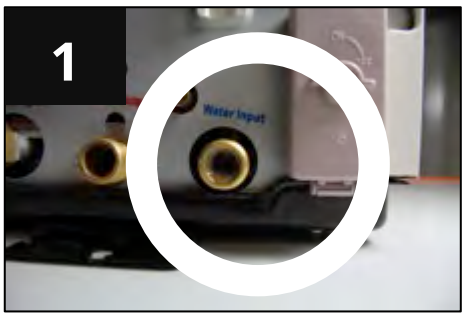
With the appliance operating, turn the gas cylinder off, 'Close'. The burner will continue to operate until all gas has been bled from the gas hose and regulator assembly.



1. Turn off the water supply at the tap (mains) and disconnect from the 'Water Input'. Disconnect the shower hose from the 'Water Output'. Allow all water to drain out from hosing before rolling up and storing away.
2. Disconnect the gas regulator and hose assembly from the appliance and gas cylinder and store away. To do this, first:
    - 2.1 Check that the appliance is fully extinguished; the gas cylinder control valve is in the fully off, 'Close', position and all surfaces are cool.
    - 2.2 Loosen the connection to the gas cylinder in a clockwise direction and remove.
    - 2.3 Using a spanner, loosen the connection to the gas inlet in an anti-clockwise direction and remove.
3. Disconnect the quick connect adaptors from the 'Water Input' and 'Water Output'.
4. To ensure that the water has completely drained from the appliance, open the drain valve (ribbed cylindrical stem next to the 'Water Input'). Make sure to close the drain valve once water has been drained.

Care Instructions

Using warm, soapy water and a mild detergent wipe down all surfaces and areas of the appliance. Take care not to allow water to enter the top vent.



Before each use, check that the screen filter on the 'Water Input' pipe is in place and cleaned of any particles.

DO NOT submerge the appliance in a sink or bowl.

DO NOT use abrasive cleaners or bleach.

Troubleshooting

This guide should be followed in case of failure of the appliance to operate correctly. If symptoms persist contact Customer Service on 1300 669 500.

DO NOT ATTEMPT TO REPAIR OR MODIFY THE APPLIANCE.

PROBLEM	CAUSE
The appliance will not ignite at all.	Ensure new batteries are installed in the correct polarity (+/-). Check the cap of the battery case for instructions on how they should be installed.
	Check for sufficient water flow and pressure. The unit must have a minimum of 45kPa of sustained water pressure and at least 4LPM to activate the burners.
	There is the possibility of finding some kind of epoxy or debris within the water regulator. Check that the water inlet filter screen is clean. To flush the system, connect the input water source to the 'Water Outlet' and turn on. Once complete, reconnect the appliance as per instructions.
	If you can hear 'clicking', but no ignition, air may have contaminated the gas inlet. Unscrew the inlet gas connection a few turns until you can hear gas seeping from between the thread. Let it purge for a few seconds and re-tighten. **NOTE:** Gas hose must be attached to the inlet thread while purging. **NOTE:** Gas cylinder must be on, 'Open'.
	Check that the shower flow water regulator is in the 'Open' position.

The unit starts for a short amount of time and then shuts off.	Check for sufficient water flow and pressure. The unit must have a minimum of 45kPa of sustained water pressure and at least 4LPM to activate the burners.
	Do not expose the water heater to strong winds as this may cause the flame to blow out.

Water is not hot enough.	Adjust the gas regulator and water regulator to meet your desired temperature. To increase temperature; turn the gas regulator control from minimum to maximum and turn the water regulator control from maximum to minimum.
	Check source water temperature. If the source water temperature is too cold then you may need to 'cycle' the water through the system back into the source reservoir then through the appliance again to meet your desired temperature.
	Check if there is a blue flame in the 'viewing window'. If you see a yellow flame it could mean a breakdown in the gas regulator - immediately shut down the unit. Please call Joolca Customer Service directly if this happens, **DO NOT** attempt to use the appliance.

Water flows through the unit, but it is not hot.	Ensure new batteries are installed in the correct polarity (+/-). Check the cap of the battery case for instructions on how they should be installed.
	Check for sufficient water flow and pressure. The unit must have a minimum of 45kPa of sustained water pressure and at least 4LPM to activate the burners.
	Ensure that the Liquid Propane regulator is correctly threaded to the unit and that there is an adequate amount of gas in the Propane bottle.
	Verify that the incoming and outgoing water supply is connected correctly. The shower hose should be attached to the 'Water Outlet' (located at the center) and the incoming water should be connected to the 'Water Inlet' (located at the far right).

CUSTOMER SERVICE ON THIS APPLIANCE

AUSTRALIA FREE CALL: 1300 669 500

EMAIL SUPPORT: support@joolca.com.au

WEBSITE: www.joolca.com.au